

# Cool Creek Watershed Management Plan

Clark Dietz



*The Town of Westfield*



*Hamilton County, Indiana*



*The City of Carmel  
Indiana*

## □ Project Description

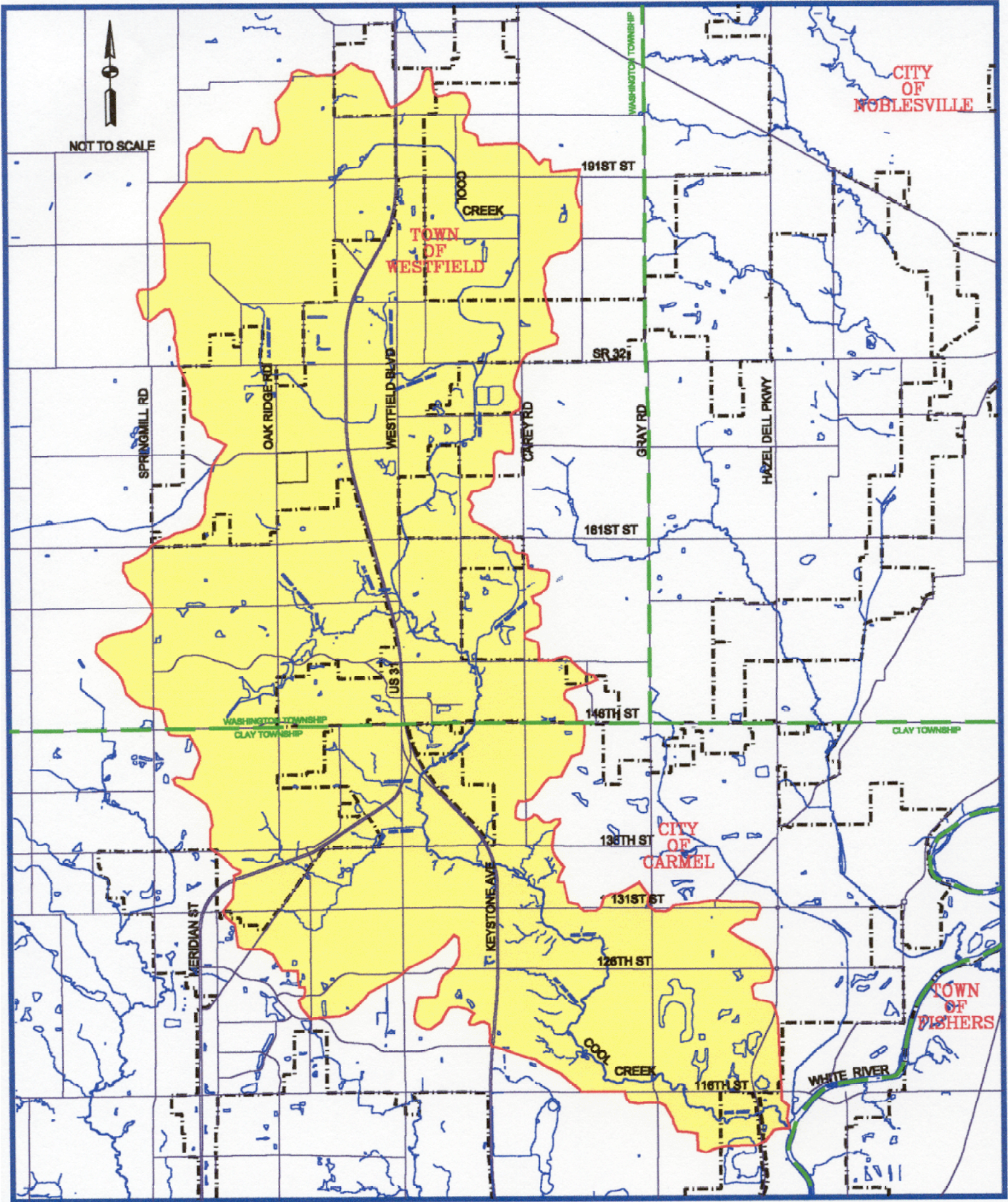
Cool Creek is a tributary, which flows 14.7 miles southeasterly to the White River, with a drainage area of approximately 23 square miles. The Cool Creek watershed lies within the Town of Westfield, the City of Carmel, and unincorporated Hamilton County. All three governmental units along with Clark Dietz, Inc. will be involved in the generation and implementation of a plan to manage stormwater in this rapidly developing watershed.

The Cool Creek Watershed Management Plan is being developed to identify and analyze stormwater management concerns. The primary focus of the watershed management plan is to identify and solve existing regional stormwater flooding problems and to prevent future problems within the watershed.

## □ Do You Live Within The Watershed?

The map shown below shows the Cool Creek watershed shaded in yellow and major roadways.







## □ Analysis Approach

Watershed analysis and planning is a comprehensive approach to identify stormwater problems and develop and evaluate projects and programs to address those problems on an individual watershed basis.

The watershed analyses performed as a part of this management plan will address stormwater issues through the following three-phase project approach:

- Inventory and Problem Identification
- Hydrologic and Hydraulic Problem Analysis
- Solution Development, Recommendations, and Implementation

Inventory and problem identification will provide the foundation and focus for the watershed plan. It will include field investigations, interviewing County/City staffs, interviewing major developers, and obtaining input from the public. The hydrologic and hydraulic problem analysis phase will include detailed computer modeling of the rainfall, runoff, and stream flow processes within the watershed, needed to understand existing problems and test alternatives. The final phase will involve developing solutions that could range from local neighborhood storm sewer and ditch improvements, to major regional detention facilities, to water quality best management practices. Also included in the final phase is the recommendation of specific capital and maintenance projects, changes in management, or changes to stormwater development standards, along with associated costs and implementation requirements.

## □ Public Input

If you live within the Cool Creek watershed and know of a neighborhood flooding problem, you can submit your complaint to the [Hamilton County Surveyor's Office](#) (776-8495).

## □ Current Status

The inventory and problem identification phase of the project is nearing completion. The next phase includes development of solutions and policy recommendations.

There are public meetings scheduled for both Westfield and Carmel residents to summarize the project. Residents will also be the opportunity to point out any problems they have encountered or noticed within the watershed that have not already been recorded. The dates and times are:

- Westfield Public Meeting – 5/21/02 at 7:00 p.m.

Location: Westfield Town Council Chamber  
Westfield Town Hall  
130 Penn Street  
Westfield, Indiana

- Carmel Public Meeting – 5/22/02 at 7:00 p.m.

Location: Carmel City Council Chamber  
Carmel City Hall  
One Civic Square  
Carmel, Indiana